

From arc5 at ix.netcom.com Mon May 1 02:07:10 2023  
From: arc5 at ix.netcom.com (David Stinson)  
Date: Sun, 30 Apr 2023 21:07:10 -0500  
Subject: [BoatAnchors] Reviving a National NC-44  
Message-ID: <00939dd4-c3a5-e04f-f2f3-4ea57af07be2@ix.netcom.com>

Just revived this very clean, nice National NC-44.  
<https://photos.app.goo.gl/4sKWZv9fjtECSifS6>

Much less expensive than the famous HRO series of that time, it was an "intro" receiver, very like my first Novice receiver in 1970, a Hallicrafters S-120. Cleaned the band switch and pots, examined for broken wires and Hi-resistance grounds. Someone had already done a good job re-capping the rig, He used Orange drops, which I dislike for aesthetic reasons, but he did nice work so I forgive.

If you're going to revive one,  
Get the manual and read it:

<https://tinyurl.com/48hcbc8r>

This set had a dead LO.MIXER 6K8, a weak 25L6 audio output and a very bad case of "The Golden Diddle-Stick" (severe mis-alignment). Not real sensitive above 20 meters, but looks and sounds sweet.

If you have an NC-44 on the shelf,  
remember three things:

1. If the regular NC-44, it's a "transformerless" design with the chassis connected to the AC line. They left room for mounting an isolation transformer to cure this, and you should. For details, google.

Speaker jack has B+ on it and is designed for a 1500 ohm load. Little 8-ohm speaker won't cut it. If you have an older tube-type "All American Five" with the 50L6, 35L6, 25L6, 50C5 or, if a transformer type with 6V6/6AQ5 etc. or similar output tube, salvage the audio output transformer (connects to the speaker on one side, and between the Audio Output plate and screen on the other). Connect the NC-44 "Speaker" terminals to the "tube" side of the audio transformer and your speaker to the "Speaker" side. You'll get all the

audio you can stand.

3. Don't reach around the back blind. all the connectors back there have B+ Probably not enough kill you unless you're working in the bathtub, but enough to maybe make you wet your pants.

Don't expect it to be a Yea-Com-Wood  
"computer with an antenna."  
It's fun and easy to fix,  
and it looks cool-ish-ly retro.

GL OM ES 73 DE Dave AB5S

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This email has been checked for viruses by Avast antivirus software.  
www.avast.com

From kb8tad at gmail.com Mon May 1 02:23:19 2023  
From: kb8tad at gmail.com (Rich Post)  
Date: Sun, 30 Apr 2023 22:23:19 -0400  
Subject: [BoatAnchors] Reviving a National NC-44  
In-Reply-To: <00939dd4-c3a5-e04f-f2f3-4ea57af07be2@ix.netcom.com>  
References: <00939dd4-c3a5-e04f-f2f3-4ea57af07be2@ix.netcom.com>  
Message-ID:  
<CAEJr0FtZMtYMnHv9ie7X4yBw0zwSUKh=w7t8mnw6rFokyHNTyQ@mail.gmail.com>

Yes, both sides fused and a hot chassis. And the usual terminal strips with  
"gotcha" B+ on them, same as most of the Millen era black wrinkle  
Nationals. By all means install an isolation transformer (as I did).

73 de Rich KB8TAD  
Pics of mine here <<https://people.ohio.edu/postr/bapix/NC44.htm>>

On Sun, Apr 30, 2023 at 10:07?PM David Stinson via BoatAnchors wrote:

> Just revived this very clean, nice National NC-44.  
> <https://photos.app.goo.gl/4sKWZv9fjtECSifS6>  
>  
>  
> If you have an NC-44 on the shelf,  
> remember three things:  
>  
> 1. If the regular NC-44, it's a "transformerless"  
> design with the chassis connected to the AC line.

> They left room for mounting an isolation transformer  
> to cure this, and you should. For details, google.  
>  
> Speaker jack has B+ on it  
>  
>  
> 3. Don't reach around the back blind. all the connectors  
> back there have B+  
>  
>  
>  
>

From navy.radio at gmail.com Thu May 18 15:21:30 2023  
From: navy.radio at gmail.com (Nick England)  
Date: Thu, 18 May 2023 11:21:30 -0400  
Subject: [BoatAnchors] Xenia/Dayton deal of the day  
Message-ID:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>

A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and  
buy-one get-one-free. Thunderbolts \$100 each.  
Great fun to see.

--

Nick England K4NYW  
www.navy-radio.com

From k1lky68 at gmail.com Thu May 18 15:34:16 2023  
From: k1lky68 at gmail.com (Roy Morgan)  
Date: Thu, 18 May 2023 11:34:16 -0400  
Subject: [BoatAnchors] Xenia/Dayton deal of the day  
In-Reply-To:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
References:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
Message-ID: <88EF25C9-82A7-40B8-A6D5-AFEC78471ED2@gmail.com>

A well restored Ranger is worth a LOT of money.

Roy Morgan  
K1LKY Western Mass  
K1LKY68 at gmail.com

> On May 18, 2023, at 11:22 AM, Nick England via BoatAnchors <boatanchors  
at lists.theporch.com> wrote:  
>  
> ?A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and  
> buy-one get-one-free. Thunderbolts \$100 each.

> Great fun to see.  
> --  
> Nick England K4NYW  
> www.navy-radio.com  
> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>

From jp at cs.unc.edu Thu May 18 15:42:45 2023  
From: jp at cs.unc.edu (John Poulton)  
Date: Thu, 18 May 2023 11:42:45 -0400  
Subject: [BoatAnchors] Xenia/Dayton deal of the day  
In-Reply-To:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
References:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
Message-ID:  
<CAKtz7fecgMeneo4JR5p50WUPT+dWygC5isMVZspaVa\_Mo7NMvQ@mail.gmail.com>

Whoa.. I guess that's what it takes these days.. :) Love to see a photo of that! Must be a seriously impressive pile.

On Thu, May 18, 2023 at 11:21?AM Nick England via BoatAnchors <boatanchors at lists.theporch.com> wrote:

> A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and  
> buy-one get-one-free. Thunderbolts \$100 each.  
> Great fun to see.  
> --  
> Nick England K4NYW  
> www.navy-radio.com  
> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>  
>

From tony at bright.net Thu May 18 17:46:09 2023  
From: tony at bright.net (Tony J. Schroeder - Kersh Insurance)  
Date: Thu, 18 May 2023 13:46:09 -0400  
Subject: [BoatAnchors] Xenia/Dayton deal of the day  
In-Reply-To:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
References:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
Message-ID: <a0b111864ca1673f360cb521d4903dc8@bright.net>

How many did you buy, Nick??

Tony W8HRO

?

----- Original Message -----

From: Nick England via BoatAnchors (boatanchors at lists.theporch.com)

Date: 05/18/23 11:21

To: Boatanchors-porch (boatanchors at lists.theporch.com)

Cc: Nick England (navy.radio at gmail.com)

Subject: [BoatAnchors] Xenia/Dayton deal of the day

A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and buy-one get-one-free. Thunderbolts \$100 each.

Great fun to see.

--

Nick England K4NYW

www.navy-radio.com

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BoatAnchors mailing list

BoatAnchors at lists.theporch.com

<https://lists.theporch.com/mailman/listinfo/boatanchors>

From walkbq at aol.com Fri May 19 14:34:00 2023

From: walkbq at aol.com (Greg Gore)

Date: Fri, 19 May 2023 14:34:00 +0000 (UTC)

Subject: [BoatAnchors] Xenia/Dayton deal of the day

In-Reply-To:

<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpypc3A@mail.gmail.com>

References:

<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpypc3A@mail.gmail.com>

Message-ID: <486860136.172074.1684506840711@mail.yahoo.com>

That is amazing!! Thanks Nick!

GregWA1KBQ

On Thursday, May 18, 2023 at 11:21:50 AM EDT, Nick England via BoatAnchors <boatanchors at lists.theporch.com> wrote:

A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and buy-one get-one-free. Thunderbolts \$100 each.

Great fun to see.

--

Nick England K4NYW

www.navy-radio.com

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BoatAnchors mailing list

BoatAnchors at lists.theporch.com  
<https://lists.theporch.com/mailman/listinfo/boatanchors>

From johnk5mo at gmail.com Fri May 19 15:49:59 2023  
From: johnk5mo at gmail.com (John)  
Date: Fri, 19 May 2023 11:49:59 -0400  
Subject: [BoatAnchors] Xenia/Dayton deal of the day  
In-Reply-To: <486860136.172074.1684506840711@mail.yahoo.com>  
References:  
<CAB55hNdmZgCTKA9m5K6t1PwjPARsXkuBpA9uFnX\_8N4VHpyc3A@mail.gmail.com>  
<486860136.172074.1684506840711@mail.yahoo.com>  
Message-ID:  
<CABtp40QngHseXh8ddJSo8P5qbbo8c4xW7Z7VEjfM+BxsG3EE8w@mail.gmail.com>

The Thunderbolts would be hard to ignore!

John K5MO

On Fri, May 19, 2023 at 10:34?AM Greg Gore via BoatAnchors <  
boatanchors at lists.theporch.com> wrote:

> That is amazing!! Thanks Nick!  
> GregWA1KBQ  
> On Thursday, May 18, 2023 at 11:21:50 AM EDT, Nick England via  
> BoatAnchors <boatanchors at lists.theporch.com> wrote:  
>  
> A fellow has set up with about 25 Rangers and 25 HQ-170s. \$100 each and  
> buy-one get-one-free. Thunderbolts \$100 each.  
> Great fun to see.  
> --  
> Nick England K4NYW  
> www.navy-radio.com  
>  
> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>  
>  
> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>  
>

From navy.radio at gmail.com Sat May 20 23:17:06 2023  
From: navy.radio at gmail.com (Nick England)  
Date: Sat, 20 May 2023 19:17:06 -0400  
Subject: [BoatAnchors] 2023 photos - Fair Radio and Dayton hamfest

Message-ID:

<CAB55hNfm=20VQMnUM5\_a4X+Fpbnu=agF0TyRUyFL1gtf2hy1Q@mail.gmail.com>

2023 photos - Fair Radio and Dayton hamfest

<https://photos.app.goo.gl/2ibr3ff7UsdC7n7U8>

Nick England K4NYW

[www.navy-radio.com](http://www.navy-radio.com)

From johnk5mo at gmail.com Sun May 21 00:04:47 2023

From: johnk5mo at gmail.com (John)

Date: Sat, 20 May 2023 20:04:47 -0400

Subject: [BoatAnchors] 2023 photos - Fair Radio and Dayton hamfest

In-Reply-To:

<CAB55hNfm=20VQMnUM5\_a4X+Fpbnu=agF0TyRUyFL1gtf2hy1Q@mail.gmail.com>

References:

<CAB55hNfm=20VQMnUM5\_a4X+Fpbnu=agF0TyRUyFL1gtf2hy1Q@mail.gmail.com>

Message-ID:

<CABtp40RbgKR-1ZBDfhSni3P2zrdntcRoCJF7RhExBZdn2uiww@mail.gmail.com>

Great stuff Nick.... as always thanks for letting us share your view of the goodies!

Some sweet deals there for sure.

John K5MO

On Sat, May 20, 2023 at 7:18?PM Nick England via BoatAnchors <boatanchors at lists.theporch.com> wrote:

> 2023 photos - Fair Radio and Dayton hamfest

> <https://photos.app.goo.gl/2ibr3ff7UsdC7n7U8>

>

> Nick England K4NYW

> [www.navy-radio.com](http://www.navy-radio.com)

>

> -----  
> BoatAnchors mailing list

> BoatAnchors at lists.theporch.com

> <https://lists.theporch.com/mailman/listinfo/boatanchors>

>

From arc5 at ix.netcom.com Sun May 21 01:49:38 2023

From: arc5 at ix.netcom.com (David Stinson)

Date: Sat, 20 May 2023 20:49:38 -0500

Subject: [BoatAnchors] National NC-44 Parts Needed.

Message-ID: <233994e0-59c1-00a3-697e-28dc94ba0d3d@ix.netcom.com>

Anyone have a parts National NC-44, -45 or -46?  
I need the first two IF transformers.

Thanks. Dave AB5S

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This email has been checked for viruses by Avast antivirus software.  
www.avast.com

From smithab11 at comcast.net Tue May 23 21:44:03 2023  
From: smithab11 at comcast.net (B. Smith)  
Date: Tue, 23 May 2023 17:44:03 -0400  
Subject: [BoatAnchors] Test Set Manual TS I-193 needed  
Message-ID: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>

Am looking for a technical manual for the TS I-193 test set. The set is  
used for testing Polar relays such as the 255 - - - which is a large  
relay in a round black case, and is often buried in those boxes  
underneath the tables at the hamfest.

73 k4che

From navy.radio at gmail.com Tue May 23 22:08:02 2023  
From: navy.radio at gmail.com (Nick England)  
Date: Tue, 23 May 2023 18:08:02 -0400  
Subject: [BoatAnchors] Test Set Manual TS I-193 needed  
In-Reply-To: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
References: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
Message-ID: <CAB55hNdc41bkgBGVpOuB4bT-\_QyPLu1SimFEW2q0+TJ4jd-aKg@mail.gmail.com>

Haven't found a manual yet - the operating procedure is attached  
Nick England K4NYW  
www.navy-radio.com

On Tue, May 23, 2023 at 5:44?PM B. Smith via BoatAnchors <  
boatanchors at lists.theporch.com> wrote:

> Am looking for a technical manual for the TS I-193 test set. The set is  
> used for testing Polar relays such as the 255 - - - which is a large  
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> 73 k4che

>

> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>

>



From navy.radio at gmail.com Tue May 23 22:11:51 2023  
From: navy.radio at gmail.com (Nick England)  
Date: Tue, 23 May 2023 18:11:51 -0400  
Subject: [BoatAnchors] Test Set Manual TS I-193 needed  
In-Reply-To: <CAB55hNdc41bkgBGVpOuB4bT-\_QyPLu1SimFEW2q0+TJ4jd-aKg@mail.gmail.com>  
References: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
<CAB55hNdc41bkgBGVpOuB4bT-\_QyPLu1SimFEW2q0+TJ4jd-aKg@mail.gmail.com>  
Message-ID:  
<CAB55hNfFYa0xGGvZ6m2FykSSBUsNwdb=kvy=9VmXEJaq0+yCkg@mail.gmail.com>

The manuals are TM 11-6625-210-xx but I don't know where to find them

Nick England K4NYW  
www.navy-radio.com

On Tue, May 23, 2023 at 6:08?PM Nick England <navy.radio at gmail.com> wrote:

> Haven't found a manual yet - the operating procedure is attached  
> Nick England K4NYW  
> www.navy-radio.com  
>  
>  
> On Tue, May 23, 2023 at 5:44?PM B. Smith via BoatAnchors <  
> boatanchors at lists.theporch.com> wrote:  
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>> relay in a round black case, and is often buried in those boxes  
>> underneath the tables at the hamfest.  
>> 73 k4che  
>> -----  
>> BoatAnchors mailing list  
>> BoatAnchors at lists.theporch.com  
>> <https://lists.theporch.com/mailman/listinfo/boatanchors>  
>>  
>

From vilgotch1 at gmail.com Tue May 23 22:20:07 2023  
From: vilgotch1 at gmail.com (vilgotch1 at gmail.com)  
Date: Tue, 23 May 2023 22:20:07 +0000  
Subject: [BoatAnchors] Another manual needed  
In-Reply-To:  
<CAB55hNfFYa0xGGvZ6m2FykSSBUsNwdb=kvy=9VmXEJaq0+yCkg@mail.gmail.com>  
References: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>

<CAB55hNdc41bkgBGVpOuB4bT-\_QyPLu1SimFEW2q0+TJ4jd-aKg@mail.gmail.com>  
<CAB55hNfFYa0xGGvZ6m2FykSSBUsNwdb=kvy=9VmXEJaq0+yCkg@mail.gmail.com>  
Message-ID: <emd132a9e1-0817-461b-b4fb-19031b35832a@9a536b32.com>

It's not a radio but definitely a heavy boatanchor with vacuum tubes. I need service manual with schematics for a Fluke 412B high voltage power supply. If anyone can supply a scan or manual I would be happy to pay for costs & shipping etc.

Artek manuals in Florida have an eBay listing for one on CD but have not replied to my message. Since Dave Henderson passed away recently there has been some uncertainty about whether the excellent service will continue.

73 to all,

Morris Odell VK3DOC  
Melbourne, Australia

From sestokes at sonic.net Wed May 24 05:06:14 2023  
From: sestokes at sonic.net (Sam Stokes)  
Date: Tue, 23 May 2023 22:06:14 -0700  
Subject: [BoatAnchors] Test Set Manual TS I-193 needed  
In-Reply-To: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
References: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
Message-ID: <403db1ee-f5e0-9a6d-abfe-3b13910550dd@sonic.net>

Think you might be looking for TM 11-2513 for Test Set I-193A, Test Set Polar Relay dated 6/21/1944.

There are several versions of the I-193.? Attached is an image of the "A" model.

I'll try to find one in my storage locker, but it will probably take a while.

On 5/23/2023 2:44 PM, B. Smith via BoatAnchors wrote:

> Am looking for a technical manual for the TS I-193 test set. The set  
> is used for testing Polar relays such as the 255 - - - which is a  
> large relay in a round black case, and is often buried in those boxes  
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> 73 k4che

>

> -----  
> BoatAnchors mailing list  
> BoatAnchors at lists.theporch.com  
> <https://lists.theporch.com/mailman/listinfo/boatanchors>

>

From smithab11 at comcast.net Wed May 24 17:36:27 2023  
From: smithab11 at comcast.net (B. Smith)  
Date: Wed, 24 May 2023 13:36:27 -0400  
Subject: [BoatAnchors] Test Set Manual TS I-193 needed  
In-Reply-To: <403db1ee-f5e0-9a6d-abfe-3b13910550dd@sonic.net>  
References: <e1e9b4a4-d9fb-ad82-49b1-7f2deb9a96f7@comcast.net>  
<403db1ee-f5e0-9a6d-abfe-3b13910550dd@sonic.net>  
Message-ID: <1668f332-3e34-0506-b58e-911d3ee1731d@comcast.net>

Hi Sam

I am not sure of the TM number for the set. I am working on a home brew test set for the 255 Polar Relay series and would be very interested in information on I-193. I have obtained permission from "CQ" magazine to publish part of one of their articles on the 255 relay on a web page and would like to include the tech info on the I-193.

thanks and 73

breck k4che

On 5/24/2023 1:06 AM, Sam Stokes via BoatAnchors wrote:

> Think you might be looking for TM 11-2513 for Test Set I-193A, Test  
> Set Polar Relay dated 6/21/1944.

>

> There are several versions of the I-193.? Attached is an image of the  
> "A" model.

>

> I'll try to find one in my storage locker, but it will probably take a  
> while.

>

> On 5/23/2023 2:44 PM, B. Smith via BoatAnchors wrote:

>> Am looking for a technical manual for the TS I-193 test set. The set  
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>> 73 k4che

>>

>> -----  
>> BoatAnchors mailing list

>> BoatAnchors at lists.theporch.com

>> <https://lists.theporch.com/mailman/listinfo/boatanchors>

>>

>

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> BoatAnchors mailing list

> BoatAnchors at lists.theporch.com

> <https://lists.theporch.com/mailman/listinfo/boatanchors>